

TRAKHTENBERG, D.M.; CHERENKOVA, L.V.; KHOKHLOV, A.S.

Isolation and properties of the antiviral antibiotic violarin.

Antibiotiki 4 no.5:7-11 S-O '59.

(MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS chem.)

KHOKHLOV, A.S.; ROZENFEL'D, G.S.

Isolation and primary chemical purification of the antibiotic albo-
fungin. Antibiotiki 4 no.6:10-13 N-D '59. (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i
Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.
(ANTIBIOTICS chem.)

KHOKHLOV, A.S.; SILAYEV, A.B.; STEPANOV, V.M.; YULIKOVA, Ye.P.; TROSHKO, Ye.V.;
LEVIN, Ye.D.; MAMIOFE, S.M.; SINITSYNA, Z.T.; CHI CHAN-TSIN [Ch'ih
Ch'ang-Ch'ing]; SOLOV'YEVA, N.K.; IL'INSKAYA, S.A.; ROSSOVSKAYA, V.S.;
DMITRIYEVA, V.S.; SEMENOV, S.M.; VEYS, R.A.; BEREZINA, Ye.K.;
RUBTSOVA, L.K.

A new type of polymyxin, polymyxin M. Antibiotiki 5 no.1:3-9 Ja-F
'60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i
laboratoriya khimii belka i antibiotikov khimicheskogo fakul'teta
Moskovskogo ordena Lenina gosudarstvennogo universiteta imeni M.V.
Lomonosova.

(POLYMIXIN)

SOLOV'YEVA, N.K.; DELOVA, I.D.; GERMANOVA, K.I.; SAVEL'YEVA, A.M.; KHOKHLOV,
A.S.; MAMIOFE, S.M.; SINITSYNA, Z.T.; PETROVA, M.A.; KOROLEVA, V.A.;
NAVASHIN, S.M.; POMINA, I.P.; BUYANOVSKAYA, I.B.; VASILENKO, O.S.;
YEFREMOVA, S.A.; BEREZINA, Ye.K.; VEYS, R.A.; DMITRIYEVA, V.S.;
SEMENOV, S.M.; SHNEYERSON, A.N.

Polymycin, a new antibiotic from the streptotricin group. Antibiotiki
5/no.6:5-10 N-D 160. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
kafedra mikrobiologii Tsentral'nogo instituta usovershenstvovaniya
vrachey.

(ANTIBIOTICS)

KUZNETSOV, V.D.; SOROKINA, Ye.I.; VIKHROVA, N.M.; KRYUCHKOVA, T.I.; KLEOPINA,
G.V.; KHOKHLOV, A.S.

Producer of actinomycin belonging to the fluorescent group of
actinomycetes. ~~Zh~~ Inst. microbiol. no.8:193-201 '60.

(MIRA 1/1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

(ACTINOMYCETALES)

(ACTINOMYCIN)

SEMENOVA, V.A.; SOLOV'YEVA, N.K.; RUYANOVSKAYA, I.S.; DMITRIYEVA, V.S.;
TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; CHERENKOVA, L.V.;
KHOKHLOV, A.S.; BYCHKOVA, M.M.; GINZBURG, G.N.

Antibiotic phyto bacteriomycin, effective in controlling bacteriosis
in plants. Trudy Vses. inst. sel'khoz. mikrobiol. 17:131-139 '60.
(MIRA 15:3)

(Antibiotics) (Bacteria, Phytopathogenic)

KHOKHLOV, A.S.; KACHALINA, Ye.V.

Chemical properties of phenoxymethylpenicillin. Report No. 4:
Production and properties of x-phenoxymethylpenicillamide of
phenoxymethylpenicillanic acid. Antibiotiki 5 no. 5:41-44
S-O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PENICILLIN)

KHOKHLOV, A.S.; CHI CHAN-TSIN [Ch'ih Ch'ang-ch'ing]

Separation of 2,4-dinitrophenyl derivatives of certain amino acids
by counter-current distribution. Biokhimiia 25 no.6:1030-1034 N-D
'60. (MIRA 14:5)

1. Research Institute of Antibiotics, Moscow.
(AMINO ACIDS)

AVGUL', V.T.; BAYKINA, V.M.; KHOKHLOV, A.S.

Automatic apparatus for countercurrent distribution. Zav.lab 26
no.10:1164-1166 '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(Scientific apparatus and instruments)

KHOKHLOV, A.S.; PANINA, M.A.; UVAROV, A.V.

Preparation and properties of penicillin nitriles. Dokl. Ak. SSSR
135 no.4:875-878 '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
Predstavleno akademikom M.M.Shenyakinym.
(Penicillin)

KHOKHLOV, A. S.

Doc Chem Sci - (diss) "Studies on the production and chemical study of several antibiotic and anti-cancer substances." Moscow, 1961. 44 pp; (Academy of Sciences USSR, Inst of Organic Chemistry imeni N. D. Zelinskiy); 200 copies; price not given; list of author's works on pp 35-42 (52 entries); (KL, 6-61 sup, 196)

KHOKHLOV, A. S.

KHOKHLOV, A. S., ORLOVA, N. V., ZAYTSEVA, Z. P., ALIKHANYAN, S. I.,
MINLIN, S. Z., CHERKES, B. Z., and ILEYNER, E. M. (USSR)

"Synthesis of Oxtetracycline in Inactive Mutants of *Actinomyces*
rimosus."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

SHEMYAKIN, Mikhail Mikhaylovich; KHOKHLOV, Aleksandr Stepanovich; KOLOSOV, Mikhail Nikolayevich; BERGEL'SON, Lev Davydovich; ANTONOV, Vladimir Konstaninovich; SHVETSOV, Yu.B., red. izd-va; DOROKHINA, I.N., tekhn. red.

[Chemistry of antibiotics] Khimia antibiotikov. Izd.3., perar. 1
dop. Moskva, Izd-vo Akad. nauk SSSR. Vol.1. 1961. pp.1-774.
Vol.2. 1961. pp. 780-1550. (MIRA 14:8)
(ANTIBIOTICS)

ORLOVA, H.V.; ZAITSEVA, Z.M.; ~~KHOKHLOV, A.S.~~; CHERCHES, B.Z.

Some physiological characteristics of inactive mutants of
Act. rimosus, an oxytetracycline producer. Antibiotiki 6
no.7:629-635 JI '61. (MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
i Institut khimii prirodnikh soedineniy AN SSSR.
(OXYTETRACYCLINE) (ACTINOMYCES)

BLINOV, N.O.; OPARYSHEVA, Ye.F.; TRUBNIKOVA, I.N.; ROZANOVA, T.M.;
KHOKHLOV, A.S.

Formation of additional spots in the paper chromatography
of antibiotics. Antibiotiki 6 no.7:660-666 J1 '61. (MIRA 15:6)

1. Institut khimii prirodnykh soyedineniy AN SSSR i
Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS)
(PAPER CHROMATOGRAPHY)

KHOKHLOV, A.S.

GOFMAN, A.; FREY, A.I.; RUTSHMANN, I.; OTT, Kh.; SHEMYAKIN, M.M.; KISHFALUDI, L.; KOCHETKOV, N.K.; DEREVITSKAYA, V.A.; PROKOF'YEV, M.A.; SHABAROVA, Z.A.; FILIPPOVA, L.A.; SHANKMAN, S.; KHAYGA, S.; LIV, P.; ROBERTS, M.Ye.; GAVRILOV, N.I.; AKIMOVA, L.N.; KHLUDOVA, M.S.; MAKSIMOV, V.I.; IZELIN, B.M.; SHEPPARD, R.K.; SHKODINSKAYA, Ye.N.; VASINA, O.S.; BERLIN, A.Ya.; SOF'INA, Z.P.; LARIONOV, L.F.; KNUNYANTS, I.L.; GOLUBEVA, N.Ye.; KARPAVICHUS, K.I.; KIL'DISHEVA, O.V.; MEDZIGRADSKIY, K.; KAFTAR, M.; LEV, M.; KORENSKI, F.; BUASSONA, R.A.; GUTTMAN, St.; KHOYGENIN, R.L.; ZHAKENO, P.A.; BAZHUS, S.; LENARD, K.; DUAL'SKI, S.; SHREDER, Ye.; SHMIKHEN, R.; KHOKHLOV, A.S.

Results of the Fourth European Symposium on the chemistry of peptides. Abstracts of reports. Zhur. VKHO 7 no.4:468-476 '62. (MIRA 15:8)

1. Aktsionernoye obshchestvo "Sandoz", Basel', Shveytsariya (for Gofman, Frey, Ott, Rutshmann).
2. Farmatsiyevskaya fabrika "G.Rikhter", Budapesht, Vengriya (for Kishfaludi, Korenski, Dualski).
3. Institut khimii prirodnikh soedineniy AN SSSR, Moskva (for Kochetkov, Derevitskaya, Shemyakin, Khokhlov).
4. Laboratoriya khimii belka Moskovskogo gosudarstvennogo universiteta (for Prokof'yev, Shabarova, Filippova, Gavrilov, Akimova, Khludova).
5. Fond meditsinskikh issledovaniy, Passadena, Kaliforniya, Sev.Soyed.Shtaty Ameriki (for Shankman, Khayga, Liv, Roberts).
6. Laboratoriya khimii belka Instituta organicheskoy

(Continued on next card)

KHOKHLOV, A.S.; CHI CHAN-TSIN [Ch'ih Ch'and-oh'ing]

Determining the amino acid composition of polymyxin M by counter-current distribution. Biokhimiia 26 no.2:296-299 Mr-Apr '61.
(MIRA 14:5)

1. The All-Union Research Institute of Antibiotics, Moscow.
(POLYMYXINS) (AMINO ACIDS)

BAYKINA, V.M.; KHOKHLOV, A.S.; MAMTOVE, S.M.; SINITSYNA, Z.T.; ANDRIANOVA,
V.T.; RYBAKOVA, R.K.; NAGORNAYA, T.N.

Counterflow distribution for detecting a new streptomycin-like
antibiotic produced by the LS-1 strain of *Str. griseus* (Act.
streptomycini). Antibiotiki 7 no.2:112-117 F '62. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(STREPTOMYCIN) (ACTINOMYCETES)

BLINOV, N.O.; KHOKHLOV, A.S.

Use of paper chromatography in the study of antibiotics. Antibiotiki
7 no.2:183-191 F '62. (MIRA 15:2)
(PAPER CHROMATOGRAPHY) (ANTIBIOTICS)

BLINOV, N.O.; RYABOVA, I.D.; USPENSKAYA, T.A.; KHOKHLOV, A.S.

Identity of heliomycin and resistomycin. Antibiotiki 7 no.8:708-
713 Ag '62. (MIRA 15:9)

1. Institut khimii prirodnnykh soyedineniy AN SSSR i Institut po
izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIBIOTICS)

KHOKHLOV, A.S.

The present state of investigation on lipid mobilizing factors. Coll
Cs Chem 27, no.9:2261-2262 S '62.

1. Institut for the Chemistry of Natural Products, Academy of Sciences
of the U.S.S.R., Moscow.

AMBARTSUMYAN, V.A., akademik; ASRATYAN, E.A.; BOGOLYUBOV, N.N., akademik; VINOGRADOV, A.P., akademik; GINETSINSKIY, A.G.; KNUNYANTS, I.L., akademik; KOCHETKOV, N.K.; KURSANOV, A.L., akademik; MEL'NIKOV, O.A.; NESMEYANOV, A.N., akademik; NESMEYANOV, An.N., doktor khim. nauk; OBREIMOV, I.V., akademik; POLIVANOV, M.K., kand.fiz.-mat.nauk; REUTOV, O.A.; RYZHKOV, V.L.; SPITSIN, V.I., akademik; TAMM, I.Ye., akademik; FESENKOV, V.G., akademik; FOK, V.A., akademik; SHCHERBAKOV, D.I., akademik; FRANK, I.M.; FRANK, G.M.; KHOKHLOV, A.S., doktor khim. nauk; SHEMYAKIN, M.M., akademik; ENGEL'GARDT, V.A., akademik; SHAPOSHNIKOV, V.N., akademik; BOYARSKIY, V.A.; LIKHTENSHEYN, Ye.S.; VYAZEMTSEVA, V.N., red.izd-va; KLYAYS, Ye.M., red.izd-va; TARASENKO, V.M., red.izd-va; POLYAKOVA, T.V., tekhn. red.

[As seen by a scientist: From the Earth to galaxies, To the atomic nucleus, From the atom to the molecule, From the molecule to the organism] Glazami uchenogo: Ot Zemli do galaktik, K iadru atoma domolekuly, Ot molekuly do organizma. Moskva, Izd-vo AN SSSR, 1963. 736 p. (MIRA 16:12)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Asratyan, Ginetsinskiy, Kochetkov, Mel'nikov, Reutov, Ryzhkov, Frank, I.M., Frank, G.M.)
(Astronomy) (Nuclear physics) (Chemistry) (Biology)

KHOKHLOV, A.S.; BLINOVA, I.N.

Paper chromatography of some derivatives of benzyl- and
phenoxymethylpenicillin. Antibiotiki 8 no.1:35-39 Ja'63.
(MIRA 16:6)

1. Institut khimii prirodnnykh soyedineniy AN SSSR.
(PENICILLIN) (PAPER CHROMATOGRAPHY)

RUDAYA, S.M.; SOLOV'YEVA, N.K.; ROZENFEL'D, G.S.; KHOKHLOV, A.S.
BYCHKOVA, M.M.

Formation, isolation and primary chemical purification of
antibiotic no. 660-15, related to albofungin. Antibiotiki
8 no.2:99-103 F'63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibioti-
kov i Institut khimii prirodnykh soyedineniy AN SSSR.
(ANTIBIOTICS) (FUNGICIDES)

RESHETOV, P.D., BLINOV, N.O.; KHOKHLOV, A.S.

Chromatographic comparison of polymycin with some streptothricin antibiotics. Antibiotiki 8 no.2:104-110 F'63.
(MIRA 16:7)

1. Institut khimii prirodnikh soedineniy AN SSSR.
(ANTIBIOTICS) (CHROMATOGRAPHIC ANALYSIS)
(POLYMYXIN)

ROZENFEL'D, G.S.; ROSTOVTSKEVA, L.I.; BAYKINA, V.M.; TRAKHTENBERG, D.M.
KHOKHLOV, A.S.. Prinsipalni uchastnye: LOKSHIN G.B.

Albonursin, a substance accompanying the antibiotics nystatin
and albofungin. Antibiotiki 8 no.3:201-207 Mr'63
(MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
i Institut khimii prirodnkh so'yedineniy AN SSSR.

BLINOV, N.O.; KHOKHLOV, A.S.

Detection of antibiotics by paper chromatography. Antibiotiki
8 no.8:751-762 Ag '63. (MIRA 17:5)

BLINOV, N.O.; VORONIN, V.V.; OROYEV, I.I.; KHOKHLOV, A.S.

Automatic camera for chromatography on paper. Lab.delo 9
no.3:58-59 Hr '63. (MIRA 16r4)

1. Institut khimii prirodnnykh soyedineniy AMN SSSR.
(PAPER CHROMATOGRAPHY)

KHOKHLOV, A.S. Doktor khim.nauk

Coordinative conference on the Chemistry of Peptides. Vest.
AN SSSR 33 no.9:77 8 '63. (MIRA 16:9)
(Peptides)

KHOKHLOV, A.S.; LOKSHIN, G.B.

Some cleavage products of "albonursin." Dokl. AN SSSR 148
no.6:1320-1322 F '63. (MIRA 16:3)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Vsesoyuznyy
nauchno-issledovatel'skiy institut antibiotikov. Predstavleno
akademikom M.M.Shenyakinym.

(ANTIBIOTICS)

RESHETOV, P. D.; KHOKHLOV, A. S.

"Production and characterization of individual streptothricin antibiotics."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, AS USSR, Moscow.

TOVAROVA, I. I.; KORNITSKAYA, Ye. Ya.; PUCHKOV, V. A.; VUL'FSON, N. S.; KHOKHLOV, A. S.

"A Study of streptomycin in biosynthesis."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, AS USSR, Moscow.

BLINOV, N. O.; OPARYSHEVA, Ye. F.; KHOKHLOVA, Yu. M.; YAKUBOV, G. Z.; PUCHNINA, A. V.;
FEDKINA, N. G.; KHRYASHCHEVA, K. M.; KHOKHLOV, A. S.

"Classification of antibiotics according to 'chromatographic spectra'."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, Inst of Microbiology, AS USSR, All-Union
Res Inst for Antibiotics, Moscow.

BLINOV, N.O.; FED'KINA, N.G.; OPARYSHEVA, Ye.F.; KNOKHLOV, A.S.

Methods of the classification of antibiotics in the early stages
of their study. Izv. AN SSSR. Ser. biol. no.4:533-545 J1-Ag '64.
(MIRA 17:10).

1. Institut khimii prirodnikh soyedineniy AN SSSR i Vsesoyuznyy
nauchno-issledovatel'skiy institut antibiotikov.

RESHETOV, P.D.; KHOKHLOV, A.S.

Study of streptothricins by ion exchange chromatography. Antibiotiki 9
no.3:197-201 Mr '64. (MIRA 1964)

1. Institut khimii prirodnikh soedineniy AN SSSR, Moskva.

PANINA, M.A.; STRUKOV, I.T.; KHOKHLOV, A.S.

New phenoxymethylpenicillin derivatives from the carboxyl group.
Antibiotiki 9 no.8:685-690. Ag '64.

(MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
i Institut khimii prirodnkh soedineniy AN SSSR, Moskva.

RUSSIAN, L.P.

Chemical structure and biological properties of ...
Vest. AN USSR 34 no.8:39-46 1964. (1964:12)

1. Chlen-korrespondent AN USSR.

KHOKHLOV, A.S.

International Congress on Antibiotics held in Prague June 15-19
1964. Vest. AN SSSR 34 no.11:90-92 N '64. (MIRA 17:12)

1. Chlen-korrespondent AN SSSR.

RESHETOV, P.D.; KHOKHLOV, A.S.

Streptothricins. Part 6: Preparation and properties of individual
streptothricins. Khim.prirod.soed. 1:42-52 '65. (MIRA 18:6)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

LOKSHIN, G.B.; KHOKHLOV, A.S.; SHEYNKER, Yu.N.; SENYAVINA, L.B.

Chemical and spectroscopic study of albonoursin. Khim. prirod.
soed. no.6:395-400 '65. (MIRA 19:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Vsesoyuznyy
nauchno-issledovatel'skiy institut antibiotikov. Submitted
Feb. 5, 1964.

GERMANOVA, K.I.; GONCHARSKAYA, T.Ya.; DELOVA, I.D.; IL'INSKAYA, S.A.;
MEL'NIKOVA, A.A.; ORESHNIKOVA, T.P.; RESHETOV, P.D.; RUDAYA, S.D.;
SINITSYNA, Z.T.; SOLOV'YEVA, N.K.; KHOKHLOV, A.S.

Components and antiviral properties of some streptothricin antibiotics. Antibiotiki 10 no.2:117-122 F '65.

(MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
i Institut khimii prirodnikh soedineniy AN SSSR, Moskva.

BLINOV, N.O.; MOROZOVA, G.R.; KHOKHLOV, A.S.

Comparison of coelicomycin with the red-violet indicator
antibiotics. Antibiotiki 10 no.8:717-722 Ag '65.

(MIRA 18:9)

1. Institut khimii prirodnikh soyedineniy AN SSSR, Moskva, i
Institut mikrobiologii i virusologii AN Kazakhskoy SSR, Alma-Ata.

YAKUBOV, G.Z.; BLINOV, N.O.; SERGEYEVA, I.N.; ARTAMONOVA, O.I.; KHOKHLOV,
A.S.

Mycetins B₁, B₂ and C, the new antibiotics of the rhodomyacin
group. Antibiotiki 10 no.9:771-776 S '65. (MIRA 18:9)

1. Institut khimii prirodnnykh soyedineniy i Institut mikrobiologii
AN SSSR, Moskva.

VETLUGINA, L.A.; MOROZOVA, G.R.; BALITSKAYA, A.K.; RYSHKA, F.Yu.;
KHOKHLOV, A.S.

Separation of the antibiotic coelicomycin by gel filtration on
sephadex. Antibiotiki 9 no.9:778-783 S '64.

(MJRA 19:1)

1. Institut mikrobiologii i virusologii AN Kazakhskoy SSR i
Institut khimii prirodnykh soyedineniy AN SSSR, Moskva.

RYSHKA, F.Yu.; KHOKHLOV, A.S.

Purification and study of lipotropic substance from the
hypophyses of various animal species. Biokhimiia 30 no.6:
1277-1284 N-D '65. (MIRA 19:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR, Moskva.
Submitted June 18, 1965.

RYSHKA, F.Yu.; KHOKHLOV, A.S.

Gel filtration of pituitary hormones. Izv. AN SSSR. Ser. biol. 31
no.1:129-134 Ja-F '66. (MIRA 19:1)

1. Institut khimii prirodnikh soedineniy AN SSSR, Moskva.
Submitted October 4, 1965.

L 37742-66

ACC NR: AP6028236

SOURCE CODE: UR/0216/66/000/001/0129/0134

AUTHOR: Ryshka, F. Yu.; Khokhlov, A. S.

31
B

ORG: Institute of Chemistry of Naturally Occurring Compounds, AN SSSR, Moscow
(Institut khimii prirodnnykh soyedineniy AN SSSR)

TITLE: Gel filtration of hormones of the hypophysis

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 1, 1966, 129-134

TOPIC TAGS: hormone, gel, rabbit, filtration, ACTH, vasopressin, biochemistry

ABSTRACT: Separation and isolation of hormones of the hypophysis by the method of gel filtration, which is described in the literature, was studied. Gel filtration was carried out in columns containing G-25, G-50, and G-100 sephadex gels. Solutions in 0.1-0.2 N acetic acid were filtered and the same solvent was used in elution. The Rf values and elution volumes for oxytocin, vasopressin, alpha-melanostimulating hormone, beta-melanostimulating hormone, ACTH, prolactin, thyreostimulating hormone, follicle-stimulating hormone, the hormone stimulating interstitial cells, somatotrophic vasopressin, and lipotropin on the three types of sephadex were determined. The lipolytic activity of hormones was tested in vitro and in biological tests on rabbits. It was confirmed that in addition to the previously known hypophyseal hormones lipotropin, a hormone that had been isolated by the authors (cf. Biokhimiya, vol. 30, p. 1,277) was also present. The polypeptide lipotropin, which had a molecular

Card 1/2

UDC: 577.17

L 37742-66

ACC NR: AP6028236

weight distinctly different from those of ACTH, melanostimulating hormone, and vasopressin, also exhibited the strong lipolytic action on the fat tissue guinea pigs in vitro that is characteristic of these three hormones. Orig. art. has: 6 figures and 1 table. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 04Oct65 / ORIG REF: 002 / OTH REF: 017

Card 2/2 vmb

MORZOVA, G.R.; VETLUGINA, L.A.; YEGOROV, TS. A.; BLINOV, N.O.;
KROKHLOV, A.S.

Physicochemical properties of celicozyme fractions. Trudy Inst.
mikrobiol. i virus. AN Kazakh. SSR, 8:111-116 '65.
(MIRA 18:11)

KHOKHLOV, A. T. Cand Ped Sci -- (diss) "^{Principles}~~Law~~ of Historism in the Teaching of Mathematics in the Prerevolutionary Russian ~~XXXXXX~~ ~~XXXXXX~~ School." Mos, 1957. 17 pp 22 cm. (Mos ~~21~~ Oblast Pedagogical Inst), 100 copies (KL, 27-57, 111)

LEVIN, M.I., insh.; KHOKHLOV, A.V., insh.

Expansion of the felting industry in the 1959-1965 period.
Tekst.prom. 19 no.8:4-6 Ag '59. (MIRA 13:1)
(Felt)

S/057/60/030/05/03/014
B012/B056

AUTHORS: Gershteyn, G. M., Khokhlov, A. V.

TITLE: The Prescribing of Arbitrary Boundary Conditions of
1. Order in Field Simulation According to the Method of
Induced Current ¹⁶

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1960, Vol. 30, No. 5,
pp. 480 - 490

TEXT: In earlier papers (Refs. 1,2) the first of the two authors suggested a new method of electric field simulation¹⁶ by utilizing the Shockley-Ramo-theorem on induced currents (Ref. 3). In the paper of Ref. 4 the author advanced the idea of simulating the fields according to this method in the case of arbitrary potential values on the boundary surfaces of the investigated system, and also showed the way in which this idea may be realized. - In the present paper this idea is further developed. An approximate calculation of the circuit (which prescribes complex boundary conditions) and experimental results obtained by the simulating of some concrete resistors are given. First, the method of prescribing boundary

Card 1/3

✓B

The Prescribing of Arbitrary Boundary Conditions S/057/60/030/05/03/014
of 1. Order in Field Simulation According to the B012/B056
Method of Induced Current

conditions is theoretically explained. Fig. 1 shows the circuit with the prescribed arbitrary boundary conditions of 1. order. It was applied here for the purpose of investigating such resistors, in which the electrodes were connected in series and the probe passed them by successively. On the basis of the figure, the calculation of this circuit is then given, for which purpose the formulas by Kramer (Ref. 5) are used. The formulas obtained (7) - (10) are used for calculating the circuits of some periodic resistors. As usually resistors of the segment- and plug-type are used, such systems are in this case investigated. The results obtained by investigating segment-resistors are given. However, as it is difficult in the case of plug-resistors to obtain analytical formulas for the field (in the case of arbitrary electrode potentials), the experimental results were compared with the analogous results obtained on a model of these resistors in an electrolyte bath. The experimental setup and the experimental method are described. Finally, the oscillograms of the induced current obtained with both resistors are given and discussed. They show that the potential distribution obtained by the induced current agrees with the potential distribution recorded under the given boundary

Card 2/3

✓B

The Prescribing of Arbitrary Boundary Conditions S/057/60/030/05/03/014
of 1. Order in Field Simulation According to the B012/B056
Method of Induced Current

conditions by means of the electrolyte bath. In form of a summary it is said that the method described offers the possibility of prescribing arbitrary boundary conditions of 1. order when simulating the fields according to the method of the induced current with the help of quite simple resistor-series. There are 10 figures and 7 references: 5 Soviet, 1 German, and 1 English.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet im.
N. G. Chernyshevskogo, Kafedra radiofiziki (Saratov State
University imeni N. G. Chernyshevskiy, Chair of Radio-
physics)

SUBMITTED: July 8, 1959

✓B

Card 3/3

KHOKHLOV, A. V.

Results of application of plexiglas in rhinoplasty. Vest.
otorinolar., Moskva 13 no.4:88 July-Aug 1951. (CJML 21:1)

1. Sovetskaya Gavan'.

1. VOLKOV, L. P., KHOKHLOV, A. V.
2. SSSR (600)
4. Nose, Accessory Sinuses of
7. Clinical significance of contrast roentgenography of the maxillary sinuses.
Vest. oto-rin. 14 No. 6, 1952
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

VOIKOV, L.F.;KHOKHLOV, A.V.

**Clinical significance of contrast roentgenography of maxillary
sinuses. Vest. otorinolar., Moskva 14 no.6:28-30 Nov-Dec 1952.**

(CJML 23:4)

1. Candidate Medical Sciences for Volkov. 2. Sovetskaya Gavan'.

KHOKHLOV, A. V.

Brain - Abscess

Rhinogenous abscess of the frontal lobes. Vest. oto-rin. 15, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

KHOMLOV, A.V.

Protective therapy of frontal sinuses. Vest.oto-rin. 15 no.5:44-46 8-0 '53.
(MIRA 6:11)
(Frontal sinus)

KHOKHLOV, A.V.

Photomicrographic equipment and use of the "Zenit" camera in
photomicrography. Lab.delo 4 no.3:51-53 My-Je '58 (MIRA 11:5)

1. Iz Izhevskogo meditsinskogo instituta.
(PHOTOMICROGRAPHY)

EXCERPTA MEDICA Sec 5 Vol 12/9 General Path. Sept 59

2585. CYTODIAGNOSIS OF CANCER OF THE CERVIX UTERI BY PHASE-CON-
TRAST AND FLUORESCENT MICROSCOPY (Russian text) - Khokhlov
A. V. and Opuleva E. F. - AKUSH. I GINEK. 1958, 6 (67-71) illus. 6

Forty-six cases of cancer of the cervix uteri confirmed histologically were studied. The protoplasm of the cancer cells is characterized by a bright orange or red fluorescence. The fluorescence of the cytoplasm is often diffuse, more seldom it is in the form of red lumps around the nucleus. The polymorphous tumour cells fluoresce by a bright whitish or pale green light. The structure of the nucleus is distinct. Accumulations of cells without any cytoplasm (symplasts) may be revealed in

IZ AKUSHERSKO - GINEKOLOGICHESKOY KLINIKI Leningradskogo MEDITSINSKOGO
INSTITUTA

2585
almost all of the smears. In phase-contrast microscopy of squamous-cell carcinoma (and especially in pre-cancerous conditions) the degree of the cellular maturation may be easily determined cytologically.

(X, 5, 16)

KHOKHLOV, A.V., prof.

New method of photocapillarography. Kaz.med.shur. 40 no.3:
93-94 My-Je '59. (MIRA 12:11)

1. Iz akushersko-ginekologicheskoy kliniki Izhevskogo meditsin-
skogo instituta.

(PHOTOGRAPHY, MEDICAL) (CAPILLARIES)

KHOKHLOV, A.V.

Combination in one microscope of a contrivance for phase contrast
and luminescent methods of investigation. Lab.delo 5 no.6:45-48
H-D '59. (MIRA 13:3)

1. Iz akushersko-ginekologicheskoy kliniki (zaveduyushchiy - prof.
A.V. Khokhlov) Izhevskogo meditsinskogo instituta.
(MICROSCOPY)

KHOKHLOV, A. V., Cand Med Sci -- (diss) "Investigation of elements of the phonation mechanism by the method of endolaryngography." Leningrad, 1960. 18 pp; (Leningrad State Order of Lenin Inst for Advanced Training of Physicians im S. M. Kirov); 300 copies; price not given; (KL, 51-60, 122)

KHOKHLOV, A.V.

The sperm as a surface-active substance. Akush.i gin. 36
no.1:36-39 Ja-F '60. (MIRA 13:10)
(SPERMATOZOA) (SURFACE-ACTIVE AGENTS)

KHOKHLOV, A.V.; OPALEVA, Ye.F.

Histochemical cytodiagnosis of cancer of the cervix uteri. Lab.
delo 7 no.2:10-11 F '61. (MIRA 14:1)

1. Akushersko-ginekologicheskaya klinika (zav. - prof.A.V.Khokhlov)
Izhevskogo meditsinskogo instituta.
(UTERUS—CANCER)

KHOKHLOV, A.V.; OPALEVA, Ye.F.

Fluorescence microscopy in the cytodiagnosis of cancer of the cervix
uteri. Lab. delo 7 no.2:12 F '61. (MIRA 14:1)

1. Akushersko-ginekologicheskaya klinika (zav. - prof. A.V.Khokhlov)
Izhevskogo meditsinskogo instituta.
(FLUORESCENCE MICROSCOPY) (UTERUS—CANCER)

Khokhlov, A.V., prof.

New method for determination of blood coagulation time. Probl.
gemat. i perel. krovi 5 no.3:58-59 Mr '60. (MIRA 14:5)

1. Iz akushersko-ginekologicheskoy kliniki (zav. - prof. A.V.
Khokhlov) Izhevskogo meditsinskogo instituta.
(BLOOD-COAGULATION)

KHOKHLOV, A.V. (Leningrad)

Endolaryngography is a method for the objective registration of
the movements of the vocal chords by means of photoelements. Vest.
ctorin. 22 no.1:74-76 Ja-F '60. (MIRA 14:5)
(OTOLARYNGOLOGY--EQUIPMENT AND SUPPLIES)

KHOKHLOV, A.V.

Improved method of microphotography. Lab,delo 7 no.9:53-55 8 '61.
(MIRA 14:10)

1. Akushersko-ginekologicheskaya klinika (zav. - prof. A.V.Khokhlov)
Izhevskogo meditsinskogo instituta.
(PHOTOMICROGRAPHY)

KHOKHLOV, A.V., prof.

Abdominal auscultation as a method of clinical diagnosis in
obstetrics and gynecology. Akush.i gin. no.4:50-53 '61. (MIRA 15:5)

1. Iz akushersko-ginekologicheskoy kliniki (zav. - prof. A.V.
Khokhlov) Izhevskogo meditsinskogo instituta.
(AUSCULTATION) (OBSTETRICS) (GYNECOLOGY)

KHOKHLOV, A. V., prof.; QAZIZOVA, N. N., klinicheskiy ordinator

Histochemical cytologic diagnosis of cancer of the cervix uteri.
Akush. i gin. 38 no.3:58-60 My-Je '62. (MIRA 15:6)

1. Iz akushersko-ginekologicheskoy kliniki (zav. - prof. A. V. Khokhlov) Izhevskogo meditsinskogo instituta.

(UTERUS---CANCER)
(DIAGNOSIS, CYTOLOGIC)

Khokhlov, A.V., prof.

Reactivity of lymph nodes in cancer of the cervix uteri. Akush.
1 gin. 39 no.4:38-41 J1-Ag'63 (MIRA 16:12)

1. Iz akusherako-ginekologicheskoy kliniki (zav. - prof. A.V.
Khokhlov) Izhevskogo meditsinskogo instituta.

L 02290-67 EWT(d) IJP(c)

ACC NR: AR6016556

SOURCE CODE: UR/0196/65/000/012/A009/A009

AUTHOR: Gershteyn, G. M.; Sedin, V. A.; Pronin, V. P.; Fedonin, G. K.;
Khokhlov, A. V. 67
B

TITLE: MNT-V3 installation for simulating three-dimensional fields by the induced current method

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 12A61

REF SOURCE: Sb. Vopr. elektrich. modelirovaniya poley. Saratov, Saratovsk. un-t, 1964, 56-71

TOPIC TAGS: induced current, electric analog, electronic simulation, electric field, gravitation field, magnetic field, Laplace equation

ABSTRACT: The authors describe the MNT-V3 specialized modelling device based on the use of the induced current method. The installation is designed for simulating three-dimensional fields described by the Laplace equation for the case of boundary conditions of the first kind. The device may be used simulating the spatial fields of electrotechnical and electron-optical systems, the quasistatic fields of individual cells of decelerating systems in SHF instruments, the quasistatic fields of nonhomogenities in waveguides and fields of the edge effect in various devices.

UDC: 537.212:621.3.001.57

Cord 1/2

L 02290-67

ACC NR: AR6016556

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722130004-2"

The error for measurement of field strength components is 1-2% and the error for field potential measurement is 2-5%. 8 illustrations, bibliography of 11 titles. From the summary. [Translation of abstract]

SUB CODE: 09

Cord 2/2

L 02292-67 EWT(d) IJP(c)

ACC NR: AR6016558

SOURCE CODE: UR/0196/65/000/012/A009/A009

AUTHOR: Khokhlov, A. V.; Pavlyuchuk, V. A.; Pronin, V. P.

TITLE: Some methods for setting up boundary conditions of the first kind in simulating fields on induced current devices

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 12A63

REF SOURCE: Sb. Vopr. elektrich. modelirovaniya poley. Saratov, Saratovsk.un-t, 1964, 87-98

TOPIC TAGS: induced current, electric analog, Laplace equation, electric field, electric potential

ABSTRACT: The authors consider the principles involved in construction of units for setting up boundary conditions of the first kind when using the induced current method for simulation of Laplace field intensity. The boundary conditions are set by a summing amplifier. The problem of calculating the summing networks is considered in detail and a method is discussed for experimentally determining the boundary conditions without calculating the resistances in the ladder network. The use of a summing device with a differential input is proposed for setting up boundary distributions with potentials of different signs. 5 illustrations, bibliography of 1 title. From the summary. [Translation of abstract]

SUB CODE: 09

Card 1/1 vmb

UDC: 537.212:621.3.001.57

L 02296-67 EWT(d) IJP(c)

ACC NR: AR6016560

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722130004-2"

AUTHOR: Khokhlov, A. V.

TITLE: Use of synchronous detection in simulation of fields on installations with a vibrating charged probe

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 12A66

REF SOURCE: Sb. Vopr. elektrich. modelirovaniya poley. Saratov, Saratovsk.un-t, 1964, 114-123

TOPIC TAGS: electronic simulation, electric field, electronic measurement

ABSTRACT: The author considers a method for vectorial measurement of a potential gradient based on unidimensional measurement of the amplitude and phase of the induced voltage. It is shown that two components of the potential gradient may be determined simultaneously by using the principle of synchronous detection. A model of a synchronous detector was built and tested to verify the theoretical assumptions. 6 illustrations, bibliography of 10 titles. From the summary. [Translation of abstract]

SUB CODE: 09

Card 1/1 vmb

UDC: 537.212:621.3.001.57

L 02289-67 ENT(d) IJP(c)
ACC NR: AR6016559

SOURCE CODE: UR/0196/65/000/012/A009/A009

AUTHOR: Khokhlov, A. V.

44
B

TITLE: Summation of induced currents

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 12A64

REF SOURCE: Sb. Vopr. elektrich. modelirovaniya poley. Saratov, Saratovsk. un-t.
1964, 99-103

TOPIC TAGS: induced current, electric analog, electronic simulation

ABSTRACT: The author describes a device for algebraic summation of currents induced by a moving probe with arbitrary scale factors from 0 to +1 where the sources of the quantities to be added are treated as current generators. The scale factors for the summation are independent and may easily be changed during operation. Different values are selected for all registers h_k to simplify calculation of the scale factors. 1 illustration, bibliography of 5 titles. From the summary. (Translation of abstract) :

SUB CODE: 09

Card 1/1 egk

UDC: 537.212;621.3.001.57

AUTHOR: Khokhlov, B. 107-58-6-40/58

TITLE: Static Characteristics of Transistors (Staticheskiye kharakteristiki poluprovodnikovyykh triodov)

PERIODICAL: Radio, 1958, Nr 6, pp 43-46 (USSR)

ABSTRACT: The static characteristics of transistors are explained to radio amateurs. The author chose as an example transistor "P6G" of which he shows the characteristics in six graphs. Further, he compares standard vacuum tube circuits to transistor circuits. The article is a logical continuation of the articles by K. Shul'gin published in "Radio", 1957, Nr 11 and 1958, Nr 3. There are 4 diagrams and 4 graphs.

Card 1/1 1. Transistors-Characteristics

AUTHOR: Khokhlov, B. SOV-107-58-8-44/53

TITLE: A Pulse Photoflash Using Transistor Triodes (Impul'snaya fotovspyshka na poluprovodnikovyykh triodakh)

PERIODICAL: Radio, 1958, Nr 8, p 48 (USSR)

ABSTRACT: This flashgun has a generator consisting of two transistor triodes working as a push-pull voltage converter. After rectification, the current goes to charge the storage capacitor. The unit is powered by three torch batteries connected in parallel. Consumption at the beginning of charging is 4 a, falling to 50-100 ma when generation is cut off. A built-in neon lamp indicates when the flashgun is charged. Charging time is up to 10 seconds and a set of batteries will give 300 to 400 flashes. The generator, rectifier and batteries are built into one unit and the remaining components placed in the handle of the flashgun, whose reflector is made from an aluminum soup ladle. When correctly charged, the assembly emits a humming noise, increasing in pitch as

Card 1/2

A Puls Photoflash Using Transistor Triodes

SOV-107-58-8-44/53

charging nears completion. The gun may be fixed into the camera's accessory shoe and is linked by flex to the synchro-contact on the camera. There are 3 drawings, 1 table and 1 circuit diagram.

1. Photography--Equipment
2. Transistors--Applications
3. Electrical equipment--Performance

Card 2/2

AUTHORS: Khokhlov, B.; Khabarov, Yu. SOV-107-58-9-21/38

TITLE: A Pocket Superheterodyne (Karmanny supergeterodin)

PERIODICAL: Radio, 1958, Nr 9, pp 32-34 (USSR)

ABSTRACT: This miniature receiver is assembled in a case of organic glass 146 x 91 x 35 mm. Transistors are used throughout. The magnetic antenna is wound on ferrite rod and the set is powered by four cells taken from a flat disk battery, giving a total voltage of 6 v with current consumption at 6 ma. Maximum output is in the region of 160 mw and sensitivity 0.5-1 mv/m. The receiver picks up a great number of stations in the MW 250-550 m band. The mixer and separate heterodyne stages have inductance coupling. There are 3 stages of IF amplification whose working regime is determined by dividers in the base and resistors in the emitter circuits. The detector has a large loading resistance which brings its operation to the straight line portion of its characteristic curve, thus lessening distortion. The AF amplifier is a two-stage system, with transformer coupling to achieve the necessary step-up. The AF output stage consists of 4 transistor triodes, 2 with p-n-p and 2 with n-p-n conductivity. This gives

Card 1/2

A Pocket Superheterodyne

SOV-107-58-9-21/38

a high input and low output impedance, permitting the output signal to be fed directly to the loudspeaker coil without the use of an output transformer. Constructional details, coil winding data etc are given. The sub-miniature loudspeaker is home-made from parts taken from other speakers. There are two diagrams, 1 table and 1 circuit diagram.

1. Radio receivers--Design
2. Transistors--Applications
3. Radio receivers--Performance

Card 2/2

AUTHORS: Khabarov, Yu., ~~Khokhlov~~, B. SOV/107-59-1-36/51

TITLE: The Acoustic Set with Volume-Sounding
(Akusticheskiy Agregat s ob"yemnym zvuchaniyem).

PERIODICAL: Radio, 1959, Nr 1, p 41 (USSR)

ABSTRACT: The authors describe the design of a loudspeaker-cabinet made of plywood and containing a set of 6 loudspeakers reproducing the frequency range from 40 to 12,000 cycles. There is one set of diagrams.

Card 1/1

SOV/107-59-4-14/45

9(2)

AUTHOR: Khabarov, Yu., Khokhlov, B.

TITLE: The Electronic Tuning of a Radio Receiver (Elektronnaya nastroyka radiopriyemnika)

PERIODICAL: Radio, 1959, Nr 4, pp 16 - 18 (USSR)

ABSTRACT: The change of capacitance of the p-n transition of a diode, which depends on the blocking voltage, permits the application of this diode as a tuning element. Figure 1 shows a circuit in which a diode is used as a tuning element. The authors investigated silicon diodes D808A-D813A which are well suitable for this purpose. The results of their investigations are shown in three graphs. High frequencies may cause certain resonance effects when using a diode, as a capacitor, in a circuit shown in Figure 1 and therefore the authors present another circuit, shown in Figure 4, where this effect has been eliminated. In case two or more circuits

Card 1/2

80V/107-59-4-14/45

The Electronic Tuning of a Radio Receiver

are to be tuned by diodes, the latter may be controlled by one common potentiometer, as shown in Figure 7. On short waves, a band spread may be achieved using the circuit arrangement, shown in Figure 8. When using diodes for tuning heterodynes, it is very useful to limit the HF voltage amplitude by means of a shunting diode, shown in Figure 6. There are 5 circuit diagrams and 3 graphs.

Card 2/2

KHOKHLOV, B.

Video amplifiers using transistors. Radio no.1:42-43
Ja '60. (MIRA 13:5)
(Transistor amplifiers)

KHOKHLOV, B.

Low frequency amplifier of high sensitivity. Radio no.2:
27-29 F '60. (MIRA 13:5)
(Amplifiers(Electronics))

KHOKHLOV, B., inzh.

Transistorized magnetic tape recorder. Radio no.5:46-50 My
'62. (MIRA 15:5)

(Magnetic recorders and recording)

KHOKHLOV, B., inah.

Transistorized magnetic tape recorder. Radio no. 6:40-43 Je '62.
(MIRA 15:5)
(Magnetic recorders and recroding)

KHOKHLOV, B., inzh.

A transistorized audio generator. Radio no.9:49-50 S '62.
(MIRA 15:9)
(Oscillators, Transistor)

KHABAROV, Yu., inzh.; KHOKHLOV, B., inzh.

New circuit for automatic gain control. Radio no.4:45
Ap '63. (MIRA 16:3)
(Radio)

KHOKHLOV, B., inzh.

Amplifiers for transistorized tape recorders. Radio no. 10:38-40
0 '64. (MIRA 18:2)

SHEVCHENKO, A. (UB5CLX) (Chernovtsy); BASOV, V. (Moskva); PRILUTSKIY, G. (Pyatigorsk); ARKHIPOV, Ye. (Bugul'ma); VYSOCHIN, V. (Moskovskaya obl.); PRIKHUNOV, I. (Moskovskaya obl.); OBLASOV, G. (Kiyev); SMIRNOV, Yu. (UA4YB) (Kanash); KHOKHLOV, B. (Moskva); KHALDEYEV, A. (Przheval'sk); SKOBELEV, I. (Primorskiy kray); PROSKUROV, V. (Irkutsk); DOBRYNIN, Yu. (g.Ivanovo /obl./)

Exchange of experiences. Radio no.10:22,26,29,32,37,40,44,46,58
0 '64. (MIRA 18:2)

2895 Khokhlov, B. A.

Issledovaniye propessov Frezerovaniya zub'ev detaley melkomodu. l'nykh
zatsepleny v aviapriborostroyenii. M., 1954. 12 s. 20 sm. (Mosk. ordena
Lenina aviats. in-t im. Sergo Ordzhonikidze). 100 ekz. B. Ts. - (54-55773)

KHOKHLOV, B. A.

YFELIN, Konstantin Ivanovich, inzhener; **KHOKHLOV, B. A.**, laureat
Stalinskoy premii, inzhener, redaktor; **TOKER, A. N.**, tekhnicheskiy
redaktor

[Lowering the cost of erecting steel structures] Snizhenie stoi-
mosti montazha stal'nykh konstruktsii. Moskva, Gos. izd-vo lit-ry
po stroit. i arkhitekture, 1954. 85 p. (MLRA 8:8)
(Construction industry--Costs) (Building, Iron and steel)

KHOMELOV, B. A.

"An Investigation of the Processes of Gear-Milling Small Meshed Parts in Aircraft-Instrument Building." Cand Tech Sci, Moscow Order of Lenin Aviation Institute
Sergo Ordzhonikidze, 10 Jan 55. (VM, 30 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

KHOKHLOV, B.A.

KOPP, L.M., insh.; SHCHIPAKIN, L.N., insh.; KHOKHLOV, B.A., red.; KOVAL'CHUK,
M.F., insh., red.

[Instructions for the erection of steel structures (VSN-83-57
MSPMKhP SSSR)] Instruktسيا po montazhu stal'nykh konstruksii
(VSN-83-57/MSPMKhP SSSR). Moskva, TSentr. biuro tekhn.inform.,
1957. 83 p. (MIRA 11:6)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva
predpriyatiy metallurgicheskoy i khimicheskoy promyshlennosti.
2. Proyektnaya kontora "Promstal'konstruktsiya" Glavstal'-
konstruktsii Minmetallurgkhimstroya SSSR (for Kopp, Shchipakin).
3. Glavnyy inzhener Glavnogo upravleniya po proizvodstvu i
montazhu stal'nykh konstruksiy (for Khokhlov)
(Building, Iron and steel)

KHOKHLOV, B.A.
KHOKHLOV, B.A., inzh.

Steel structural components used in building heavy industry
enterprises, Stroi.prom. 35 no.11:8-13 N '57. (MIRA 10:12)
(Building, iron and steel)

25(2)

PHASE I BOOK EXPLOITATION

SOV/2118

Gavrilov, A.N., Doctor of Technical Sciences, Professor; P.I. Kovalev;
B.A. Khokhlov; and N.F. Zherdev

Al'bom prispособleniy dlya metallorezhushchikh stankov, primenyayemykh v priborostroyenii (Album of Fixtures for Metal-Cutting Tools Used in the Instrument-Making Industry) Moscow, Mashgiz, 1958. 166 p. 5,000 copies printed.

Ed.: A.N. Gavrilov, Doctor of Technical Sciences, Professor; Scientific Ed. of Publishing House: G.F. Kochetova; Tech. Ed.: Ye.S. Gerasimova; Managing Ed. for Literature on Machine Building and Instrument Making (Mashgiz): N.V. Pokrovskiy, Engineer.

PURPOSE: The album is intended for tool designers and process engineers. The album may also be used as a textbook by students in vtuzes and machine-tool tekhnikum in connection with projects and work leading to a diploma.

COVERAGE: This album is intended to facilitate the work of creating better machine-tool fixtures. There are 180 drawings of the more common and characteristic fixtures from some twenty instrument-making plants. There are brief explanations
Card 1/5

Album of Fixtures (Cont.)

SOV/2118

for each drawing setting forth the principle of the operation, the advantages and shortcomings of the fixture, and the field of its application. There are drawings showing the sequence of operations on machined parts. Schematic drawings of the elements for installation and clamping are provided with symbols especially developed by the authors. For a more convenient use of the album, the drawings of machine-tool fixtures are divided into three groups:

1. fixtures for drilling machines (jigs), marked by the letter "K" placed before the fixture's number;
2. fixtures for milling machines, marked by the letter "F";
3. fixtures for lathes and cylindrical grinding machines, marked by the letter "T". No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Preface	3
Symbols for Adjusting and Clamping Elements	4
K. FIXTURES FOR DRILLING MACHINES (JIGS)	
K - 01. Jigs With Swing Cover and Hinge Bolt	8 - 17

Card 2/5